

SCSI School

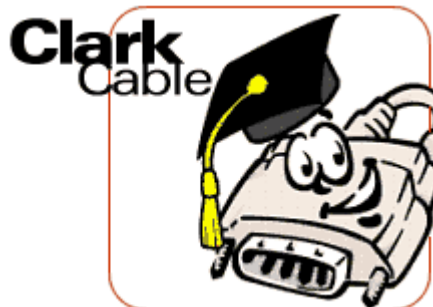
Learn about SCSI then find the product you need



Welcome to the SCSI School.

This school will help you understand and learn more about SCSI technology. (scsi cables, scsi cable adapters, scsi connectors, scsi enclosures, scsi terminators)

First, we recommend going through the general overview, and then use the product reference tables to find the SCSI products you need.



"There's lots of great SCSI information on the Internet, ... check out the SCSI School"
July, 2000



1

Attend SCSI School

- [What is SCSI?](#)
- [General SCSI Specifications](#)
- [What is an SCA / RAID connector?](#)
- [Types of SCSI Signals](#)
- [Rules for Connecting SCSI Devices](#)

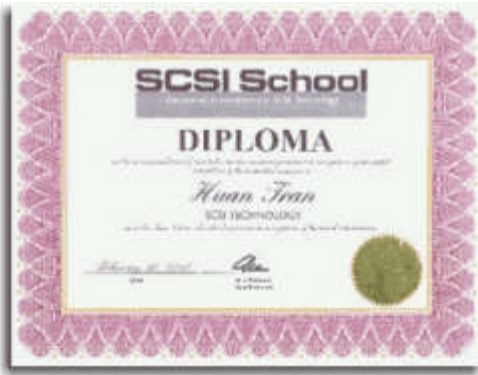


2

Find the right SCSI Product

using our SCSI product reference tables below:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)

**3**

Earn a SCSI School Diploma

Add to your credentials by earning a diploma in SCSI technology. Answer all 5 questions correctly on our SCSI School Exam and we'll send you a SCSI school diploma.

[Click Here To Begin Exam](#)

If you can't find the scsi, scsi cables, scsi connector, scsi enclosure, scsi terminators, scsi1, scsi2, scsi3, ultra2 scsi or rs232 you're looking for on our site, please call one of our friendly and knowledgeable [customer service representatives](#) at **1-800-265-1844** and they will be happy to assist you.

What is SCSI?

SCSI (**S**mall **C**omputer **S**ystem **I**nterface) technology allows you to attach various internal and external devices to a single controller card in your computer. SCSI hardware is often used in high-end PCs and server computers because of its greater flexibility and faster performance when compared to other Input/Output (I/O) technologies.

A typical SCSI configuration consists of the following items:

- A SCSI host adapter (or controller) that plugs into a slot in your computer's motherboard.
- Internal and/or external SCSI devices (such as hard drives, CD-ROM, DVD, scanner).
- Internal and/or external SCSI cables, SCSI terminators, and possibly SCSI cable adapters.




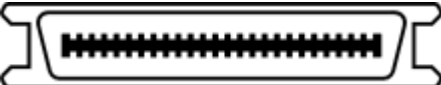
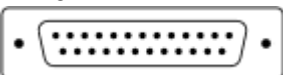
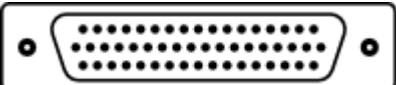



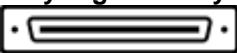

Careful selection of SCSI hardware is necessary to ensure proper operation. The following information should help you get started in configuring your SCSI-enabled computer. You should also check your SCSI device documentation for special requirements.

-
- [What is SCSI?](#)
 - [General SCSI Specifications](#)
 - [What is an SCA / RAID connector?](#)
 - [Types of SCSI Signals](#)
 - [Rules for Connecting SCSI Devices](#)
 - [Back to SCSI School Main Page](#)
-



Previous
Page

General SCSI Specifications

Bus Width	SCSI Standard	Maximum Speed	Maximum Length	Common Connectors
8-bit (Narrow)	SCSI-1	5 MB/s	6m (19.6 ft.)	Ribbon IDC 50  Internal 50-pin connector for hard drives, CD drives, etc. Centronics 50  Popular 50-contact connector for external peripherals such as scanners and tape drives. DB25  External 25-pin connector used by Zip drives, scanners, and many Mac devices. DB50  External 50-pin connector used by Sun workstations.
	SCSI-2 Fast SCSI, Fast-10	10 MB/s	3m (9.8 ft.)	Ribbon IDC 50  Internal 50-pin connector for hard drives, CD drives, etc.
	Ultra SCSI, Fast-20	20 MB/s	1.5m (4.9 ft.)	Half Pitch DB50  External 50-pin host and peripheral connector used by Jaz drives and many CD drives.
	Ultra2 SCSI	40 MB/s	12m (39 ft.)	
16-bit (Wide)	SCSI-2, Fast Wide SCSI, Fast-10	20 MB/s	1.5m (4.9 ft.)	Half Pitch DB68  Internal and external 68-pin connector used by most new hard drives. The external version includes thumbscrews or latches.
	Ultra Wide SCSI, Fast-20	40 MB/s	1.5m (4.9 ft.)	
	SCSI-3, Ultra2 Wide (U2W) SCSI, Ultra2 LVD SCSI, Fast-40	80 MB/s	12m (39 ft.)	Half Pitch DB68 Low Voltage Differential (LVD) cables and accessories are required to achieve peak performance with U2W drives. Very High Density Centronics 68  68-pin contact connector used on many servers & RAID controllers.
	Ultra3 SCSI, Ultra160/m	160 MB/s	12m (39 ft.)	SCA 80  80-contact connector used by SCA drives for RAID controllers

* Maximum SCSI bus length is 25m (82ft.) if all devices are HVD (Differential)

- [What is SCSI?](#)
- [General SCSI Specifications](#)
- [What is an SCA / RAID connector?](#)
- [Types of SCSI Signals](#)
- [Rules for Connecting SCSI Devices](#)

What is an SCA / RAID connector?



SCA (**S**ingle **C**onnector **A**ttachment) is designed for simplifying hard drive connections to hot-swappable **RAID** (**R**edundant **A**rray of **I**ndependent **D**isks) systems that are typically used by mission-critical server computers. SCA combines Wide SCSI signals, SCSI ID, and hard drive power connections into a single, compact 80-contact connector.

SCSI hard drives with SCA connectors are often sold at very attractive prices, but they will require an extra adapter to connect them to non-RAID systems. StarTech offers two adapters for SCA hard drives; one with termination ([AD_11P29](#)), and one without termination ([SCA806850](#)). Hard drives with a grounded SCA-2 connector will require either [AD_11P48](#) (with termination) or [AD_11P34](#) (without termination).



-
- [What is SCSI?](#)
 - [General SCSI Specifications](#)
 - [What is an SCA / RAID connector?](#)
 - [Types of SCSI Signaling](#)
 - [Rules for Connecting SCSI Devices](#)
 - [Back to SCSI School Main Page](#)
-



Previous
Page

Types of SCSI Signals

There are three distinct types of SCSI signals:

1. **Single Ended (SE)**

Most SCSI devices use "normal" SE signaling, which limits the maximum length of a SCSI bus to 1.5m (4.9ft). This includes most 50-pin (Narrow) SCSI devices such as scanners and Zip drives.

2. **High Voltage Differential (HVD)** (also known as "Differential")

A Differential SCSI system provides reliable signaling in high noise environments over a long bus length (up to 25m [82ft]). HVD hardware cannot be mixed with other SCSI signal types. A Differential bus requires Differential terminators.

3. **Low Voltage Differential (LVD)**

A typical multimode LVD/SE SCSI system provides a moderately long bus length (up to 12m [39ft]) and downward compatibility with SE hardware. LVD-rated equipment is required for "Ultra" SCSI standards.

-
- [What is SCSI?](#)
 - [General SCSI Specifications](#)
 - [What is an SCA / RAID connector?](#)
 - [Types of SCSI Signals](#)
 - [Rules for Connecting SCSI Devices](#)
 - [Back to SCSI School Main Page](#)
-



Previous
Page

Rules for Connecting SCSI Devices

- SCSI is a "bus" architecture, which means devices are connected along a line that has a beginning and an end. This cabling scheme is commonly called a "daisy chain".
- The two extreme ends of a SCSI bus segment must be properly "terminated". A terminator is a small device designed to dampen electrical signals reflected from the ends of a cable. Termination is disabled for any SCSI device that is positioned between the two ends.
- The SCSI host adapter (or controller) may be positioned anywhere along the bus. It must be terminated if it is positioned at the end of the bus. Many host adapters provide automatic termination.
- 8-bit (Narrow) SCSI devices require 50-pin (or fewer) connections. Up to 7 different devices may be controlled in a Narrow bus. Narrow SCSI signals include Low Byte & Control.
- 16-bit (Wide) SCSI devices require 68-pin connections. Up to 15 different devices may be controlled in a Wide bus. Wide SCSI signals include Low Byte & Control, and High Byte.
- SCSI is a downwards-compatible technology. Older SCSI devices can be installed in a newer (and faster) SCSI bus segment, but overall system performance may be reduced.
- Each device on a SCSI bus must be assigned a unique identifier (SCSI ID) which is usually set by [jumper caps](#). The ID is independent of the device's relative position on the bus. When mixing Narrow and Wide devices on the same bus, the ID of the host adapter should be set to 7 (or less) so that the Narrow devices can recognize it.
- 50-pin to 68-pin SCSI cable adapters usually allow Narrow devices to be used in a Wide bus. Termination of the High Byte signal must be considered if a Narrow SCSI device is positioned at the end of a Wide SCSI bus.
- 68-pin to 50-pin SCSI cable adapters usually allow Wide devices to be used in a Narrow bus. The speed of the Wide SCSI device will be limited to that of the Narrow SCSI bus.
- High Voltage Differential (HVD) (also known as "Differential") SCSI drives and controllers should not be mixed with other SCSI hardware. A Differential bus requires Differential terminators.
- Low Voltage Differential (LVD) SCSI devices require LVD cables and terminators. LVD SCSI hardware should not be confused with "Differential" hardware.
- Most SCSI devices are Single-Ended (SE), which means they use "normal" electrical signals (not HVD or LVD as described previously).

-
- [What is SCSI?](#)
 - [General SCSI Specifications](#)
 - [What is an SCA / RAID connector?](#)
 - [Types of SCSI Signals](#)
 - [Rules for Connecting SCSI Devices](#)
 - [Back to SCSI School Main Page](#)
-



Internal SCSI Product Reference

Internal SCSI Cables

For connecting internal devices (hard drives, CD-ROM, etc.) to a host adapter/controller.

All 8-bit (Narrow) host adapters use 50-pin Flat Ribbon Cable.

All 16-bit (Wide) host adapters use 68-pin Flat Ribbon Cable.

Some 16-bit (Wide) host adapters also provide alternative connection for 50-pin Flat Ribbon Cable.

50-pin Flat Ribbon Cable

for 8-bit (Narrow) SCSI Host Adapter/Controller

Ribbon IDC 50 Female



[SCSI](#)

26", 2-drive

[SCSIINT5](#)

37", 4-drive

[SCSIINT7](#)

56", 6-drive

68-pin Flat Ribbon Cable

for 16-bit (Wide) SCSI Host Adapter/Controller

Half Pitch DB68 Male



Recommended cables for Ultra2 Wide SCSI (SCSI-3):

- » Twisted-pair cables -- terminator not included
- » LVD/SE terminated cables -- terminator included

[SCSI3INT](#)

26", 2-drive

[SCSI3INT5](#)

37", 4-drive

[SCSI3INT7](#)

56", 6-drive

[SCSI3INTTWS](#)

2-drive, twisted-pair cable

[SCSI3INT5TWS](#)

4-drive, twisted-pair cable

[SCSI3INT7TWS](#)

6-drive, twisted-pair cable

[SCSI3INT9TWS](#)

8-drive, twisted-pair cable

[SCSI3INT5FEP](#)

37", 4-drive, LVD/SE terminated Teflon

[SCSI3INT7FEP](#)

56", 6-drive, LVD/SE terminated Teflon

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)
- [Back to the SCSI School](#)



Previous
Page

Internal SCSI Product Reference

Internal SCSI Terminators

Provides termination for an internal SCSI cable or device.

A terminator is a small device designed to dampen electrical signals reflected from the ends of a SCSI cable. Termination is disabled for any SCSI device that is positioned between the two cable ends.

Passive terminators should only be used in Single Ended SCSI-1 systems with short cabling or few devices.

Active terminators are recommended for Single Ended SCSI-2 and are downward compatible with Passive.

Negation terminators are recommended for Single Ended SCSI-3 devices and are downward compatible with Active.

Differential terminators should only be used with High Voltage Differential (HVD) systems.

Multimode LVD/SE terminators are designed for Ultra2 Wide Low Voltage Differential (LVD) systems and are also downward compatible with Single Ended systems.

Ribbon IDC 50



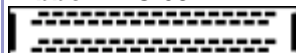
[SCSIAT50INT](#)

Active

[TE 33A2N](#)

Negation

Ribbon IDC 68



[TE 33A15](#)

Negation

[TE 33A17](#)

LVD/SE

Half Pitch DB68



[SCSI3AT68INT](#)

Active

[TE 33A21](#)

LVD/SE

[TE 33A7N](#)

Negation

[TE 33A9](#)

Differential SCSI3

SCA 80



[AD 11P29](#)

Negation for SCA RAID drives

[AD 11P48](#)

Negation for SCA-2 RAID drives

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)
- [Back to the SCSI School](#)







Previous
Page

Internal SCSI Product Reference

Internal SCSI Cable Adapters

Modifies SCSI drive connection to match internal ribbon cable.

Note: These items are not terminators.

1st Connector	2nd Connector	
	Ribbon IDC 50	Half Pitch DB68
		
Half Pitch DB68 	AD_11M27 HD68F-IDC50M SCSI31FF HD68F-IDC50F AD_11P2 HD68M-IDC50F SCSI31MM HD68M-IDC50M	
SCA 80 	SCA806850 SCA80F-IDC50M (for SCA-1) AD_11P34 SCA80F-IDC50M (for SCA-2)	SCA806850 SCA80F-HD68F (for SCA-1) AD_11P34 SCA80F-HD68F (for SCA-2)

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)
- [Back to the SCSI School](#)








Previous
Page

Internal SCSI Product Reference

Internal-to-External SCSI Cable Adapters

Allows external devices to be connected to an internal SCSI bus.

Note: These items are not terminators.

External Connector	Internal Connector	
	Ribbon IDC 50 Male	Half Pitch DB68 Female
		
DB25 Female 	AD_11P17 DB25F-IDC50M, with PC mounting plate	
Half Pitch DB50 Female 	AD_11M25 HD50F-IDC50M	
Half Pitch DB68 Female 	AD_11M23 HD68F-IDC50M	AD_11P51 HP68F-HD68F

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)
- [Back to the SCSI School](#)



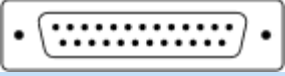




Previous
Page




External SCSI Product Reference

Common External SCSI Cables

Connects external SCSI devices to the host controller or other SCSI devices.

Popular SCSI host adapters/controllers are listed in the leftmost column below.

1st Connector to SCSI Host Adapter or SCSI Device	2nd Connector to SCSI Device				
	DB25	Half Pitch DB50	Centronics 50	Half Pitch DB68	VHD Centronics 68
DB25  Adaptec AVA-1505 Adaptec AVA-1515 Adaptec AVA-2902 Adaptec AVA-2906 Macintosh SCSI	SCSI2525HQ_6 6', DB25M-M	SCSI25HP50 6', DB25M-HD50M	SCSI2550HQ_3 3', C50M-DB25M SCSI2550HQ_6 6', C50M-DB25M SCSI2550MM 6', C50M-DB25M, Mac SCSI2550D_6 6', C50M/F-DB25M	SCSI25HP68_3 3', HD68M-DB25M SCSI25HP68_6 6', HD68M-DB25M	
Half Pitch DB50  StarTech PCISCSI2 Adaptec AHA-152xB Adaptec AHA-154xCP Adaptec AHA-16xx Adaptec AHA-17xx Adaptec AHA-27xx Adaptec AHA-28xx Adaptec AHA-2910 Adaptec AHA-2920 Adaptec AHA-2930 Adaptec AHA-2940 Adaptec AHA-2940U Adaptec AHA-394xx	SCSI25HP50 6', DB25M-HD50M	SCSI22EX3 3', HD50M-M SCSI22 6', HD50M-M SCSI22MF6 6', HD50M-F SCSI2D_6 2', HD50M-M/F	SCSI2EX3 3', C50M-HD50M SCSI2EXT 6', C50M-HD50M	SCSI2W2EXT_3 3', HD68M-HD50M SCSI2W2EXT 6', HD68M-HD50M	SCSI42_3 3', HD50M-VHC68M
Centronics 50  Adaptec AHA-1510 Adaptec AHA-152xA Adaptec AHA-1542A/B/C/CF Adaptec AHA-1640 Adaptec AVA-2825VL	SCSI2550HQ_3 3', C50M-DB25M SCSI2550HQ_6 6', C50M-DB25M SCSI2550MM 6', C50M-DB25M, Mac SCSI2550D_6 6', C50M/F-DB25M	SCSI2EX3 3', C50M-HD50M SCSI2EXT 6', C50M-HD50M	SCSIEXT2FT 2', C50M-M SCSIEXT 6', C50M-M	SCSI2W1EXT_3 3', HD68M-C50M SCSI2W1EXT 6', HD68M-C50M	SCSI4150_3 3', VHC68M-C50M
Half Pitch DB68  Adaptec AHA-2940W Adaptec AHA-2940UW Adaptec AHA-2940UW/MAC Adaptec AHA-274xW Adaptec AHA-3940W Adaptec AHA-3940UW Adaptec AAA-131CA	SCSI25HP68_3 3', HD68M-DB25M SCSI25HP68_6 6', HD68M-DB25M	SCSI2W2EXT_3 3', HD68M-HD50M SCSI2W2EXT 6', HD68M-HD50M	SCSI2W1EXT_3 3', HD68M-C50M SCSI2W1EXT 6', HD68M-C50M	SCSI33PEX4 3', HD68M-M SCSI33PEX6 6', HD68M-M	SCSI33ARRAY 3', VHC68M-HD68M SCSI33ARRAY6 6', VHC68M-HD68M
VHD Centronics 68  Adaptec AHA-3940UWD Adaptec AHA-3940UW/MAC IBM Wide SCSI		SCSI42_3 3', HD50M-VHC68M	SCSI4150_3 3', VHC68M-C50M	SCSI33ARRAY 3', VHC68M-HD68M SCSI33ARRAY6 6', VHC68M-HD68M	SCSI44_3 3', VHC68M-M SCSI44_6 6', VHC68M-M
	DB25	Half Pitch DB50	Centronics 50	Half Pitch DB68	VHD Centronics 68

Hard-to-Find External SCSI Cables Connects external SCSI devices to the host controller or other SCSI devices.			
1st Connector to SCSI Host Adapter or SCSI Device	2nd Connector to SCSI Device		
	DB50	Half Pitch DB50	Centronics 50
DB50  Sun Sparcstation SCSI	SUNSCSI 6', DB25M-M		SUNSCSIEXT 6', C50M-DB50M
HDI30  Mac Powerbook		MACSCSI2PB 2.5', HDI30M-HD50M	MACSCSI PB 2.5', HDI30M-C50M
HP Centronics 50  IBM PS/2 IBM RS/6000			IBMSCSIEX5 5', HPC50M-C50M

Other Tables:

- [Internal SCSI Cables](#)
 - [Internal SCSI Terminators](#)
 - [Internal SCSI Cable Adapters](#)
 - [Internal-to-External SCSI Cable Adapters](#)
 - [External SCSI Cables](#)
 - [External SCSI Terminators](#)
 - [External SCSI Cable Adapters](#)
 - [External Drive Cases](#)
 - [Removable Drive Drawers](#)
 - [SCSI I/O Cards](#)
 - **[Back to the SCSI School](#)**
-



External SCSI Product Reference

External SCSI Terminators

Provides bus termination for an external SCSI cable or device.

A terminator is a small device designed to dampen electrical signals reflected from the ends of a SCSI cable. Termination is disabled for any SCSI device that is positioned between the two cable ends.

Passive terminators should only be used in Single Ended SCSI-1 systems with short cabling or few devices.

Active terminators are recommended for Single Ended SCSI-2 with cable length up to 6m (19ft) and are downward compatible with *Passive*.

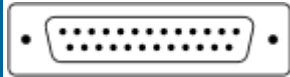
Negation terminators are recommended for Single Ended SCSI-3 devices and are downward compatible with *Active*.

Forced Perfect terminators are recommended for systems in electrically noisy environments with cable length greater than 6m (19ft).

Differential terminators should only be used with High Voltage Differential (HVD) systems.

Multimode LVD/SE terminators are designed for Ultra2 Wide Low Voltage Differential (LVD) systems and are also downward compatible with Single Ended systems.

DB25



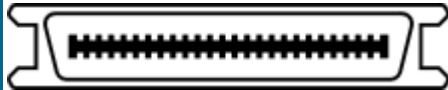
[MACSCSI25T](#)

Passive Pass-Through for Mac

[TE_11A15L](#)

Active w/LED

Centronics 50



[TE_11A2N](#)

Negation

[SCSI2FPT](#)

Forced Perfect

[SCSIPTAT50](#)

Active Pass-Through

[MACSCSI50T](#)

Passive Pass-Through for Mac

Half Pitch DB50



[SCSI2AT50](#)

Active

[TE_11A20N](#)

Negation w/LED

[SCSI2TFPT](#)

Forced Perfect

Half Pitch DB68



[SCSI3AT68](#)

Active

[TE_11A32N](#)

Negation w/LED

[TE_11A45](#)

LVD/SE w/LED

[SCSI2DIFF](#)

Differential SCSI2

[SCSI3DIFF](#)

Differential SCSI3

[SCSI3TFPT](#)

Forced Perfect

VHD Centronics 68



[TE_11A57](#)

Negation w/LED

[TE_11A60](#)

LVD/SE

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)

- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)

- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)

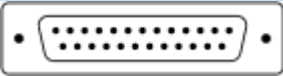
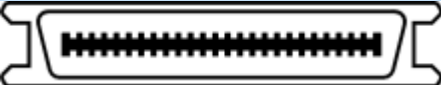




- [Back to the SCSI School](#)

External SCSI Product Reference

External SCSI Cable Adapters

For connecting mismatched SCSI cables to external peripherals.

Note: These items are not terminators.

1st Connector	2nd Connector		
	Centronics 50	Half Pitch DB50	Half Pitch DB68
DB25 		AD_11M601 DB25M-HD50F AD_11M7 DB25F-HD50M	
Centronics 50 	AD_11M40 C50F-C50F	GCSCSI12FM C50F-HD50M GCSCSI12MF C50M-HD50F	
Half Pitch DB50 	GCSCSI12FM HD50M-C50F GCSCSI12MF HD50F-C50M	AD_11M32 HD50F-HD50F	AD_11M18 HD50F-HD68M AD_11M47 HD50M-HD68F
Half Pitch Centronics 50 		AD_33A8 HD50F-HPC50M AD_33A9 HD50M-HPC50F	
Half Pitch DB68 		AD_11M18 HD68M-HD50F AD_11M47 HD68F-HD50M	AD_11M36 HD68F-HD68F
VHD Centronics 68 		AD_33A33 VHC68M-HD50F	AD_33A32 VHC68M-HD68F

Other Tables:

- [Internal SCSI Cables](#)
- [Internal SCSI Terminators](#)
- [Internal SCSI Cable Adapters](#)
- [Internal-to-External SCSI Cable Adapters](#)
- [External SCSI Cables](#)
- [External SCSI Terminators](#)
- [External SCSI Cable Adapters](#)
- [External Drive Cases](#)
- [Removable Drive Drawers](#)
- [SCSI I/O Cards](#)
- [Back to the SCSI School](#)



Previous
Page

Drive Cases & Enclosures ◀

Need more data storage? Connect a StarTech drive case to your desktop or laptop computer.



Drive Cases - IDE



Drive Cases - 50 Pin SCSI



Drive Cases - 68 Pin SCSI

Select a Category:

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Previous
Page

Removable Drive Drawers/Mobile Racks ◀

An easy way to make your hard drive portable and swappable.



Removable Drive Drawers/Mobile Racks -
IDE



Removable Drive Drawers/Mobile Racks -
SCSI

Select a Category:

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Previous
Page

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MSRP: Suggested Retail Price, in U.S. Dollars (USD) 
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Product ID	Product Description - Click text to view details	MSRP (USD)
SCSI Cards Add SCSI capabilities to your computer with a SCSI host adapter.		
PCISCSI2	PCI Fast SCSI Host Adapter 10 MB/s	\$77.00
PCISCSI2U	PCI Ultra SCSI Card - 20 MB/s	\$100.00
PCISCSIU2W	PCI Ultra2 Wide SCSI Card - 80 MB/s	\$330.00
PCISCSIUW	PCI Ultra Wide SCSI Card - 40 MB/s	\$153.00



SCSI Cards

Allows your computer to connect to SCSI drives and devices.

PCI Fast SCSI Host Adapter 10 MB/s

StarTech ID: **PCISCSI2**

Allows you to add SCSI peripherals to your computer.

The StarTech.com PCISCSI2 PCI-to-SCSI host adapter allows your PC to control up to 7 SCSI devices. The dedicated on-board processor provides high-speed single-ended SCSI bus transfers up to 10 MB/s in synchronous mode. The kit includes a 50-pin ribbon cable for two internal SCSI drives and software drivers for all major operating systems. The PCISCSI2 card allows you to connect a variety of SCSI peripherals to your computer, such as hard drives and CD-ROM drives, scanners, and removable media devices.

MSRP (USD): \$77.00

Suggested Retail Price in U.S.



Dollars. Dealers may sell for less.

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Applications/Solutions:

- ▶ Use to connect a variety of SCSI peripherals to your computer -- such as hard drives and CD-ROM drives, scanners, and removable media devices

Benefits:

- ▶ Allows you to easily add extra SCSI drives and peripherals to your PC
- ▶ Jumperless configuration and support for all major operating systems

Features:

- ▶ Jumperless Plug & Play configuration
- ▶ BIOS and driver support for hard disk, tape, CD-ROM, and removable media peripherals
- ▶ Supports all major PC operating systems (Windows, MS-DOS, Netware, OS/2, UNIX)
- ▶ SDMS software supports Advanced SCSI Protocol Interface (ASPI)
- ▶ Provides full SCSI-2 capabilities for reliable operation in all cabling environments

Specifications:

OS Compatibility	Win3.x, 9x, NT4.0; MS-DOS; Novell Netware, OS/2, UNIX
Host Bus	PCI 2.1
Host Interface	32 bit bus master DMA
Host Bus Data Transfer Rate	Up to 110 MB/s burst rate
SCSI Bus Transfer Rate	Up to 10 MB/s
Device Support	Up to 7 devices
Device Protocol	Fast SCSI-2
External Connector	Half Pitch DB50 Female
Internal Connector	IDC 50 Male
On Chip DMA FIFO	80-byte

Related Products:

PCISCSI2U [PCI Ultra SCSI Card - 20 MB/s](#)

[View all items](#) in category "SCSI Cards"

Summary:

StarTech ID	PCISCSI2
Description	PCI Fast SCSI Host Adapter 10 MB/s
Category	SCSI Cards
Extended Description	PCI Fast SCSI 10 MB/s host adapter card provides support for up to 7 SCSI devices.
UPC Code	065030782142

Equivalent Product Codes:

MultiMicro SKU	054179
Ingram Micro SKU	418549



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Previous
Page



http://www.startech.com/ststore/itemdetail.cfm?product_id=PCISCSI2

SCSI Cards

Allows your computer to connect to SCSI drives and devices.

PCI Ultra SCSI Card - 20 MB/s

StarTech ID: PCISCSI2U

Get the most from your 50 pin SCSI devices with our fastest 50 pin card

The StarTech.com PCISCSI2U PCI Ultra SCSI host adapter allows your PC to control up to 7 SCSI devices. The dedicated on-board processor provides high-speed single-ended bus transfers up to 20 MB/s in synchronous mode. The kit includes a 50-pin ribbon cable for two internal SCSI drives and software drivers for all major operating systems. The PCISCSI2U card allows you to connect a variety of SCSI peripherals to your computer, such as hard drives and CD-ROM drives, scanners, and removable media devices.

Applications/Solutions:

- ▶ Add the ability to connect SCSI devices to your computer with this Ultra SCSI adapter

Benefits:

- ▶ Onboard processor for Ultra SCSI (20 MB/s synchronous) supports up to 7 SCSI devices
- ▶ Jumperless Plug & Play installation

Features:

- ▶ Maximum PCI burst data transfer rate of 132 MB/s
- ▶ Includes built-in programmable automatic SCSI termination
- ▶ Provides BIOS and driver support for all major operating systems

Related Products:

PCISCSI2 [PCI Fast SCSI Host Adapter 10 MB/s](#)

[View all items](#) in category "SCSI Cards"

Summary:

StarTech ID	PCISCSI2U
Description	PCI Ultra SCSI Card - 20 MB/s
Category	SCSI Cards
UPC Code	065030785426

MSRP (USD): \$100.00

Suggested Retail Price in U.S.



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SCSI Cards

Allows your computer to connect to SCSI drives and devices.

PCI Ultra2 Wide SCSI Card - 80 MB/s

StarTech ID: PCISCSIU2W

Connect up to 16 lightning-fast 80 Mbps U2W SCSI hard drives to a PC

The StarTech.com PCISCSIU2W PCI Ultra2 Wide SCSI host adapter allows your PC to control up to 15 Wide SCSI devices. The dedicated on-board processor provides high-speed Low Voltage Differential (LVD) SCSI bus transfers up to 80 MB/s. The kit includes a 68-pin ribbon cable for two internal SCSI drives and software drivers for all major operating systems. The PCISCSIU2U card allows you to connect a variety of SCSI peripherals to your computer, such as hard drives and CD-ROM drives, scanners, and removable media devices.

MSRP (USD): \$330.00

Suggested Retail Price in U.S.



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**Applications/Solutions:**

- ▶ Connect up to 15 Wide SCSI devices to your computer using this PCI-card

Benefits:

- ▶ Add SCSI connectivity to your PC

Features:

- ▶ Two onboard processors for Ultra2 Wide SCSI (80 MB/s using LVD) supports up to 15 SCSI devices
- ▶ Maximum burst data transfer rate of 132 MB/s
- ▶ Includes built-in programmable automatic SCSI termination
- ▶ Provides BIOS and driver support for all major operating systems
- ▶ Jumperless Plug & Play installation
- ▶ Dedicated onboard SCSI processing for enhanced performance

Specifications:

Software	includes Setup disk on 3.5 inch floppy
External Connector	Half Pitch DB68 Female
Internal Connector	Half Pitch DB68 Female

Related Products:

PCISCSIUW [PCI Ultra Wide SCSI Card - 40 MB/s](#)

[View all items](#) in category "SCSI Cards"

Summary:

StarTech ID	PCISCSIU2W
Description	PCI Ultra2 Wide SCSI Card - 80 MB/s
Category	SCSI Cards
UPC Code	065030785440



http://www.startech.com/ststore/itemdetail.cfm?product_id=PCISCSIU2W



SCSI Cards

Allows your computer to connect to SCSI drives and devices.

PCI Ultra Wide SCSI Card - 40 MB/s

StarTech ID: **PCISCSIUW**

**Connect peripherals to a PC**

The PCI Ultra Wide SCSI host adapter allows your PC to connect to SCSI drives. The dedicated on-board processor provides transfers up to 40 MB/s. The kit includes a 68-pin SCSI connector, SCSI drives and software drivers for all major operating systems. This allows you to connect a variety of SCSI peripherals to your PC, including CD-ROM drives, scanners, and removable media.

MSRP (USD): \$153.00

Suggested Retail Price in U.S.



Dollars. Dealers may sell for less.

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Technical Glossary

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Technical Glossary.



- ▶ Onboard processor for Ultra Wide SCSI (40 MB/s synchronous) supports up to 15 SCSI devices
- ▶ Maximum PCI burst data transfer rate of 132 MB/s
- ▶ Includes built-in programmable automatic SCSI termination
- ▶ Provides BIOS and driver support for all major operating systems
- ▶ Jumperless Plug & Play installation

Related Products:

PCISCSIU2W [PCI Ultra2 Wide SCSI Card - 80 MB/s](#)

[View all items](#) in category "SCSI Cards"

Summary:

StarTech ID	PCISCSIUW
Description	PCI Ultra Wide SCSI Card - 40 MB/s
Category	SCSI Cards
UPC Code	065030785433



Previous
Page



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